

AMENDMENTS TO THE CLAIMS

1. (Currently amended): A data arrival informing system for informing data arrival to a user terminal in a network accessing environment based on a radio network, comprising a data arrival information dealing means for receiving received data, editing the received data based on characteristics of the user terminal to result in edited data, and transmitting the edited data ~~transmitting data arrival information by taking the difference of the type of each to the user terminal into considerations.~~

A 2. (Currently amended): A data arrival informing system for informing data arrival to a user terminal in a network accessing environment based on a radio network, comprising a data arrival information dealing means for receiving received data, editing the received data based on characteristics of the user terminal to result in edited data, and transmitting the edited data ~~transmitting data arrival information by taking the difference of the type of each to the user terminal into considerations~~ which includes, the data arrival informing system including

a receiving means for receiving the data ~~arrival information~~,

a terminal ~~type~~ characteristics storing means for preliminarily storing the ~~type~~ characteristics of each user terminal,

a data ~~arrival information type~~ determining means for determining the ~~type~~ characteristics of the data ~~arrival information~~ received by the receiving means on the basis of each the user terminal ~~type~~ characteristics stored in the terminal ~~type~~ characteristics storing means,

a data ~~arrival information~~ editing means for editing data ~~arrival information~~ on the basis of the data ~~arrival information~~ received by the receiving means and the data ~~arrival information type~~ characteristics determined by the data ~~arrival information~~ characteristics determining means,

and a data ~~arrival information~~ transmitting means for transmitting the data ~~arrival information~~ edited in the data ~~arrival information~~ editing means to the user terminal via the radio network.

3. (Currently amended): The data arrival informing system according to claim 2, wherein the data ~~arrival information~~ editing means edits data ~~arrival information~~ taking at least adequate maximum received data quantity and data description language into consideration ~~considerations on the basis of the type of data arrival information determined in the data arrival information type determining means.~~

4. (Currently amended): The data arrival informing system according to claim 2, wherein the data ~~arrival information~~ transmitting means transmits the edited data arrival information taking at least adequate radio network, data transfer protocol and connecting system into consideration ~~considerations on the basis of the type data arrival information as determined on the data arrival information type determining means.~~

5. (Currently amended): The data arrival information editing means according to claim 2, wherein the terminal type characteristics storing means ~~has such a construction as to store a~~ is capable of storing a predetermined user terminal type.

6. (Currently amended): A data arrival informing system for informing data arrival to a user terminal in a network accessing environment based on a radio network, comprising a data arrival information dealing means for receiving received data, editing the received data based on characteristics of the user terminal to result in edited data, and transmitting the edited data ~~transmitting data arrival information by taking the difference of the type of each to the user terminal into considerations which includes , the data arrival informing system including~~

a receiving means for receiving the data ~~arrival information~~, a terminal ~~type~~ characteristics storing means for preliminarily storing the ~~type~~ characteristics of each user terminal,

a data ~~arrival information type~~ determining means for determining the ~~type~~ characteristics of the data ~~arrival information~~ received by the receiving means on the basis of each ~~the~~ user terminal ~~type~~ characteristics stored in the terminal ~~type~~ characteristics storing means,

a data ~~arrival information~~ editing means for editing data ~~arrival information~~ on the basis of the data ~~arrival information~~ received by the receiving means and the data ~~arrival information type~~ characteristics determined by the data ~~arrival information~~ characteristics determining means, and

a data ~~arrival information~~ transmitting means for transmitting the data ~~arrival information~~ edited in the data ~~arrival information~~ editing means to the user terminal via the radio network, the terminal ~~type~~ characteristics storing means dynamically storing the user terminal ~~type~~ characteristics at the time of the provision of a data-obtaining request from the user terminal.

7. (Currently amended): The data arrival informing system according to claim 6, wherein the data arrival information dealing means includes a means for causing the terminal ~~type~~ characteristics contained in the data-obtaining request from the user terminal to be read out and stored in the terminal ~~type~~ characteristics storing means.

8. (Currently amended): A data arrival informing method for informing data arrival to a user terminal in a network accessing environment based on a radio network, comprising a data arrival information dealing step for receiving received data, editing the received data based on characteristics of the user terminal to result in edited data, and transmitting the edited data ~~transmitting data arrival information by taking the difference of the type of each to the user terminal into considerations.~~

9. (Currently amended): A data arrival informing method for informing data arrival to a user terminal in a network accessing environment based on a radio network, comprising a data arrival information dealing step for receiving received data, editing the received data based on the characteristics of the user terminal to result in edited data, and transmitting the edited data ~~transmitting data arrival information by taking the difference of the type of each to the user terminal into considerations which includes , the data arrival informing method including~~

a receiving step for receiving the data ~~arrival information~~,

a terminal ~~type~~ characteristics storing step for preliminarily storing the ~~type~~ characteristics of each user terminal,

a data ~~arrival information type~~ determining ~~means~~ step for determining the ~~type~~ characteristics of the data ~~arrival information~~ received by the receiving step on the basis of ~~each the~~ user terminal ~~type~~ characteristics stored in the terminal ~~type~~ characteristics storing step,

a data ~~arrival information~~ editing ~~means~~ step for editing data ~~arrival information~~ on the basis of the data ~~arrival information~~ received by the receiving ~~means~~ step and the data ~~arrival information type~~ characteristics determined by the data ~~arrival information~~ characteristics determining means,

and a data ~~arrival information~~ transmitting ~~means~~ step for transmitting the data ~~arrival information~~ edited in the data ~~arrival information~~ editing step to the user terminal via the radio network.

10. (Currently amended): The data arrival informing method according to claim 7 ~~2~~, wherein the data ~~arrival information~~ editing step edits data ~~arrival information~~ taking at least adequate maximum received data quantity and data description language into consideration ~~considerations on the basis of the type of data arrival information determined in the data arrival information type determining step.~~

11. (Currently amended): The data arrival informing method according to claim 9, wherein the data ~~arrival information~~ transmitting step transmits the edited data arrival information taking at least adequate radio network, data transfer protocol and connecting system into consideration ~~considerations on the basis of the type data arrival information as determined on the data arrival information type determining step.~~

12. (Currently amended): The data arrival information method according to claim 9, wherein the terminal ~~type~~ characteristics storing step ~~has such a construction as to store~~ is capable of storing a predetermined user terminal type.

13. (Currently amended): A data arrival informing method for informing data arrival to a user terminal in a network accessing environment based on a radio network, comprising a data arrival information dealing step for receiving received data, editing the received data based on characteristics of the user terminal to result in edited data, and transmitting the edited data ~~transmitting data arrival information by taking the difference of the type of each to the user terminal into considerations which includes , the data arrival informing method including~~

a receiving step for receiving the data ~~arrival information~~,

a terminal ~~type~~ characteristics storing step for preliminarily storing the ~~type~~ characteristics of each user terminal,

a data ~~arrival information type~~ determining step for determining the ~~type~~ characteristics of the data ~~arrival information~~ received by the receiving step on the basis of each the user terminal ~~type~~ characteristics stored in the terminal ~~type~~ characteristics storing step,

a data ~~arrival information~~ editing step for editing data ~~arrival information~~ on the basis of the data ~~arrival information~~ received by the receiving step and the data ~~arrival information type~~ characteristics determined by the data ~~arrival information~~ characteristics determining step, and

a data ~~arrival information~~ transmitting step for transmitting the data ~~arrival information~~ edited in the data ~~arrival information~~ editing step to the user terminal via the radio network, the terminal ~~type~~ characteristics storing step dynamically storing the user terminal ~~type~~ characteristics at the time of the provision of a data-obtaining request from the user terminal.

14. (Currently amended): The data arrival informing ~~system~~ method according to claim 9 13, wherein the data arrival information dealing ~~means step~~ includes a ~~means~~ step for causing the terminal ~~type~~ characteristics contained in the data-obtaining request from the user terminal to be read out and stored in the terminal ~~type~~ characteristics storing step.

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